ELT TECHNOLOGY CO., LTD.

X-ray

Where Precision Meets Vision: X-Ray Intelligence Redefined

ELECTRONICSTALK.COM

Company Profile

ELT Technology Co., Ltd (ElectronicsTalk) Company was established in 2008 and is a leading enterprise specializing in X-ray, optical instruments, and advanced testing equipment. As an innovative high-tech company in Shenzhen, we focus on the research, development, production, and sales of cutting-edge solutions tailored for new small- and medium-sized enterprises. Our proprietary products include micro and nano X-ray tubes, flat panel detectors, image intensifiers, and X-ray non-destructive testing (NDT) systems.

We excel in delivering customized NDT solutions for industries such as PCBA, SMT assembly.semiconductor packaging, LED, battery manufacturing, automotive electronics, precision hardware, die casting, and more. With over 20 years of expertise in the X-ray industry,including extensive experience in Japan, South Korea, Europe, and the United States, our senior R&D team ensures top-tier products and exceptional technical support services.

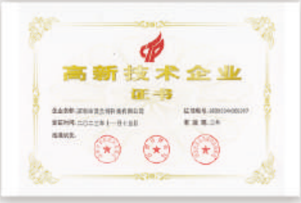
Our global presence includes branches and offices in Nevada, Hong Kong, Shanghai,Suzhou, Chongqing, Wuhan, Xi'an, and Tianjin. We proudly serve renowned international and domestic clients, such as Samsung, Huawei, ATL, Sumitomo, BYD, Shanghai Volkswagen,Honda Motor, Tongzhou Electronics, Xike Communication, AVIC Optoelectronics, Aerospace Technology, Guoxen High-tech, and many others. ELT Technology Co., Ltd (ElectronicsTalk) is committed to driving innovation and delivering reliable solutions for a wide range of industries.

ELT Technology Co., Ltd
深圳市艾兰特科技有限公司
ELT

Corporate Culture

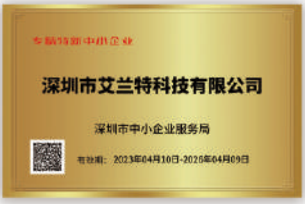
Enterprise spirit: Innovation, integrity, unity, responsibility
Enterprise strategy: Systematization, scale, internationalization
Enterprise goal: To achieve the industry backbone, to create first-class enterprises
Enterprise philosophy: Precision, integrity, win together, innovation

ELT honor



高新技术企业

证书

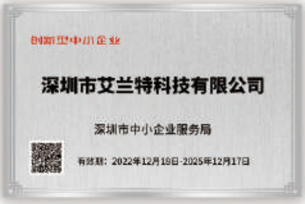


专精特新中小企业

深圳市艾兰特科技有限公司

深圳市中小企业服务局

有效期：2023年04月10日-2026年04月09日

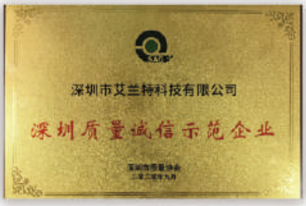


创新型中小企业

深圳市艾兰特科技有限公司

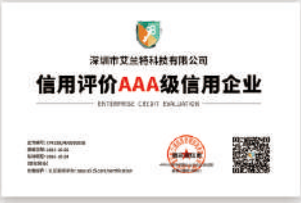
深圳市中小企业服务局

有效期：2022年12月18日-2025年12月17日



深圳市艾兰特科技有限公司

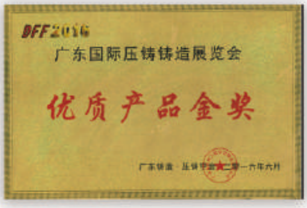
深圳质量诚信示范企业



深圳市艾兰特科技有限公司

信用评价AAA级信用企业

ENTERPRISE CREDIT EVALUATION



DFF2016

广东国际压铸铸造展览会

优质产品金奖

环境管理体系认证证书

DECLARATION OF CONFORMITY

CE

质量管理体系认证证书

ISO9001

辐射安全许可证

发明专利证书

证 书

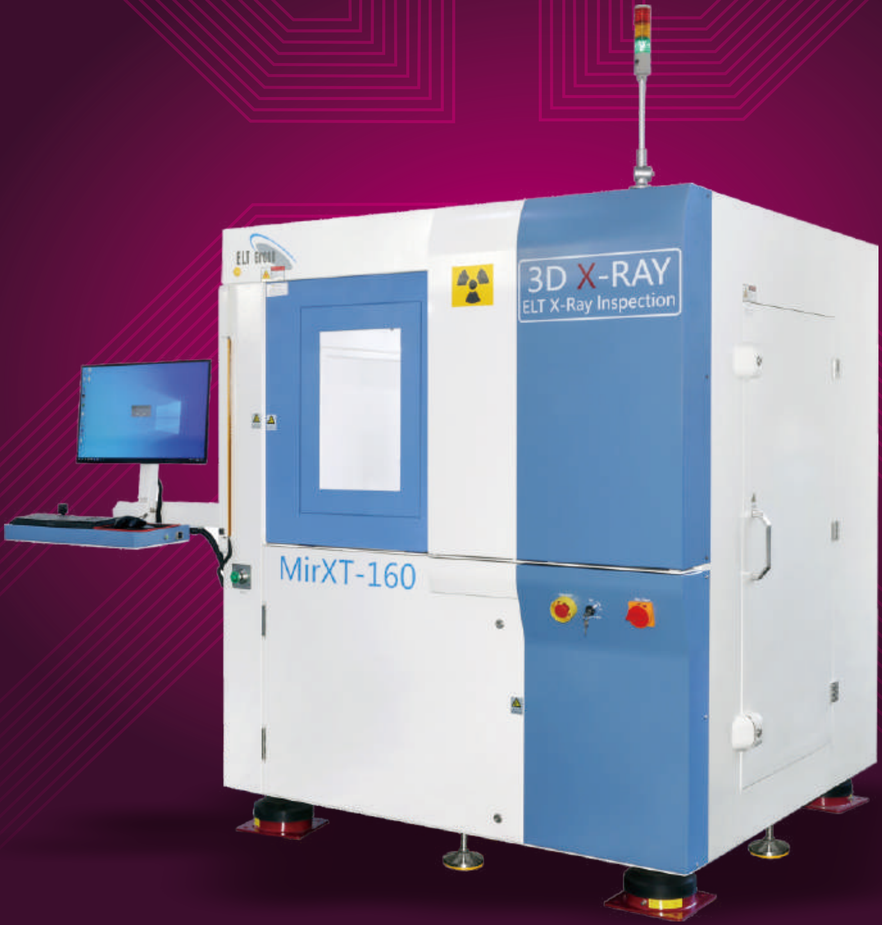
Our customers

We have successfully provide our best service to SMT,LED,Battery,Semiconductor, Solor cell,Metalcasting, Automatic Hub industry with our rich experiences and continuous innovation for spirit.

FOXCONN 富士康科技集团
SAMSUNG 三星电子
NOKIA 诺基亚电池
BYD 比亚迪 BYD
GP超霸 锂电池
HONDA
HUAWEI
NIPPON ALEPH
TOP-Access Electronics
CHINO-E 中诺
UNITONE 友利通
住友电工
ITM
COSHIP 同洲
Energizer 天津劲力
SUNWODA 欣旺达
Tenda
财富集团
CK Telecom
VISHAY
DURACELL 金霸王
SANYO
NEC
Panasonic

3D CT X-RAY

Customized For Chip Technology, Smt, Package Inspection, Semiconductor And Laboratory Applications


ELT GROUP
3D X-RAY
ELT X-Ray Inspection
MirXT-160

• Performance

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final

System magnification and resolution	
Geometric magnification	2100x
Total magnification	>23000X
Detail resolution	Up to 0.35 microns
Submicron X-ray tube	
Types	Open micron tube, transmission tube head, 170 degree radiation Angle, Collimatior function
Maximum tube voltage	160KV
Maximum power	20W
Target	Non-toxic carrier tungsten target and can be rotated for multiple users
Filament	Tungsten wire, pre-tuned plug in structure, easy and quick to replace , within 20 minutes to complete
Vacuum system	Oil-free low vacuum pump + turbomolecular vacuum pump
Detector	1536*1536pixel
Control platform	X-ray automatic navigation system, can achieve internal and external navigation
Overall structure	High precision anti-vibration, Five-axis synchronous drive
Maximum detection range	410mm*410mm
Maximum workpiece size/weight	510mm*510mm/5kg
Probe wnw triangle view rotated	Adjustable viewing angle 70°, n*360°
Controls	Joystick control or mouse (manual mode)CNC programming control (automatic mode)
Control AIDS	X-ray image navigation map, click to move function,click to enlarge function, Automatically maintain the center of vision function, laser positioning and aiming
Anti-collision system	Prevent the sample from colliding with the ray tube
Image processing software	
ELT xlact base	Comprehensive X-ray image analysis software includes image contrast enhancement and filtering, measurement, CNC programming
BGA mode	BGA solder joint automatic detection function
VC mode	Automatic calculation of void area ratio,including multi-chip mounting void detection function
System scale(WxHxD)	1650mm*1680mm*1955mm(Excluding console and detachable rear extension)
Console height aadjustable	320mm
Maximum weight	About 3050kg
Radiation safety protection	Safety shielding room with lead steel protective structure and lead glass Windows,in accordance with German and American safety design standards for X-ray equipment
Radiation leakage dose rate	<1.0m Sv/h,in line with international standard
Hardware options	
Tilt / rotate gear	Tilt 70° and rotate n x 360° with a maximum workpiece weight of 5kg
Laser postion device	Cross laser wire
Square non-rotiatng platform	Test area to 510mm x 510mm

• Introduction

The 3D X-RAY inspection system MirXT-160 is customized for chip technology, SMT, package inspection semiconductor and laboratory applications. 3D inspection of semiconductors such as BGAs, CSPs, Flip Chips,EDS, etc., as well as SMT soldering analysis, 3D tomography CT scanning system (Planar CT + Cone Beam CT).

• Application

SMTCircuit board

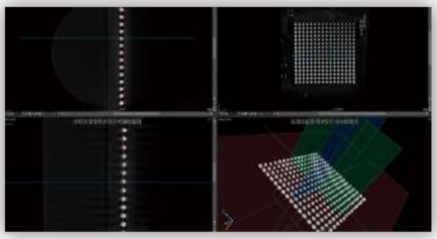
FPC soft board

Semiconductor devices

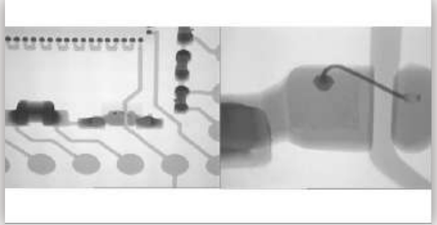
Precision structural components

• Technical

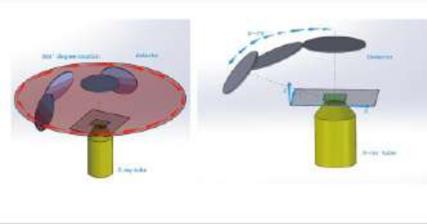
01 Multi-angle image tracking system



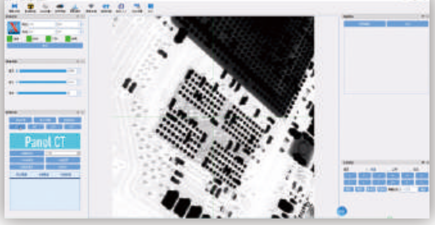
02 The geometric magnification is up to 2100X



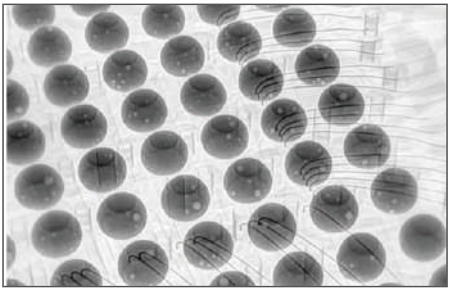
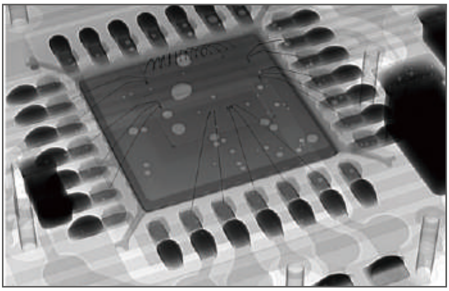
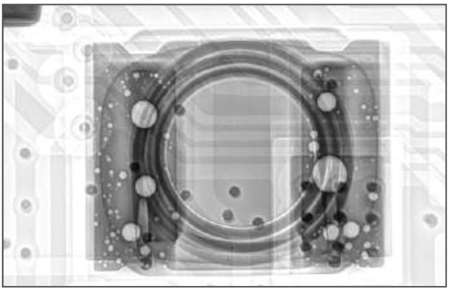
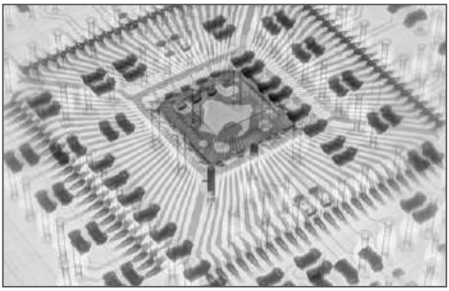
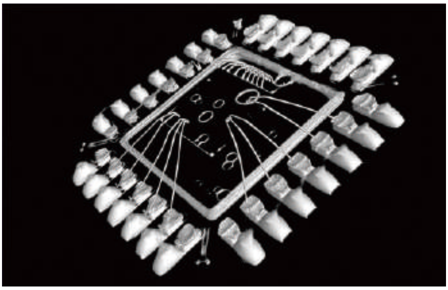
03 Six-axis linkage 360 degree arbitrary viewing angle detection

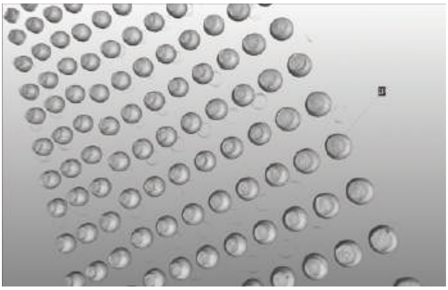
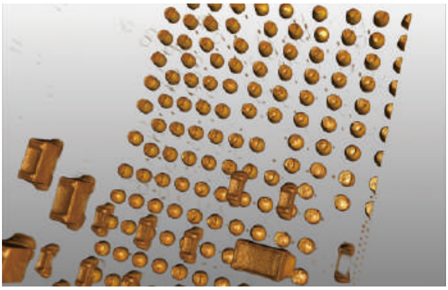


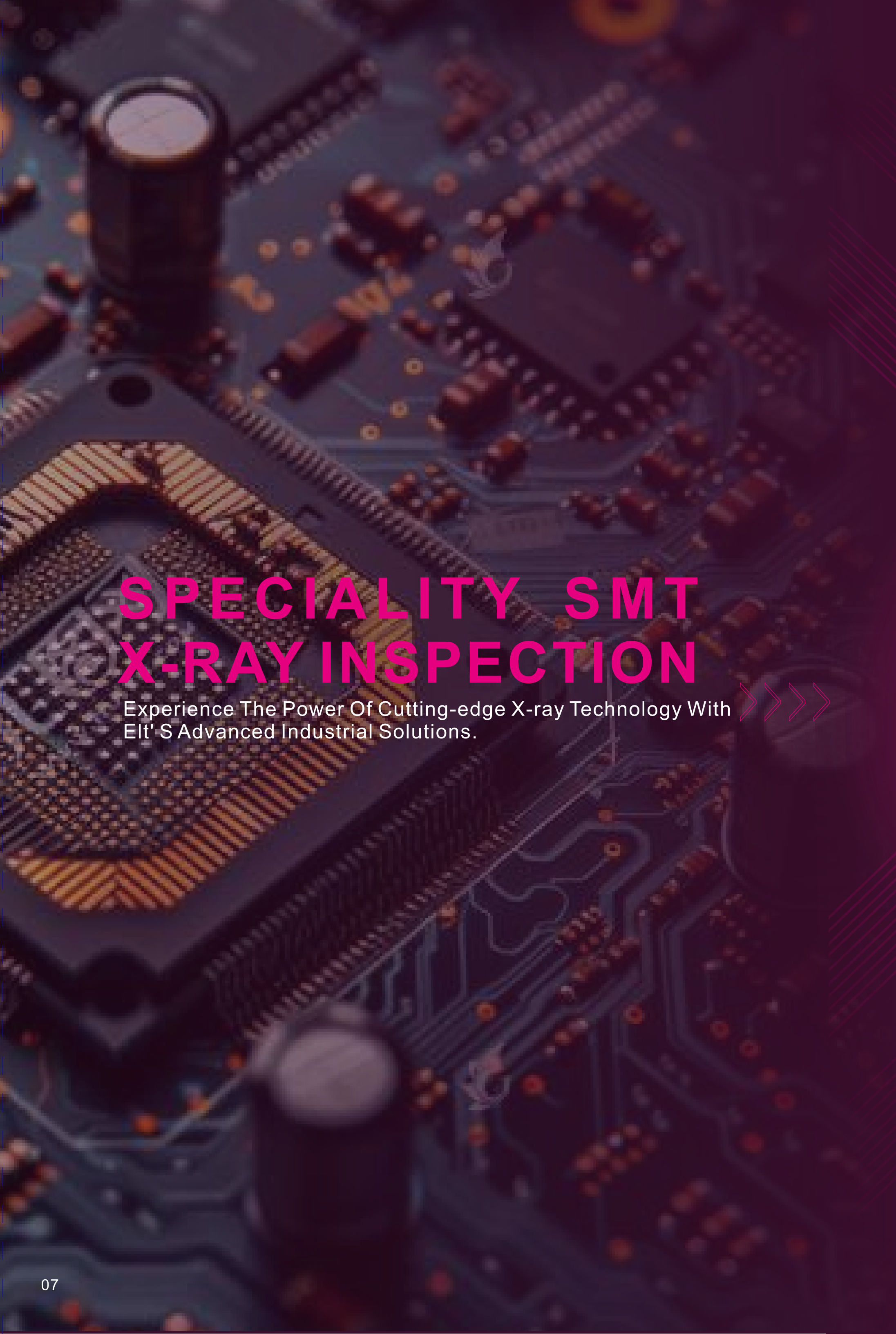
04 CNC (Computer Numerical Control) programming positioning detection



• Image



SPECIALITY SMT X-RAY INSPECTION

Experience The Power Of Cutting-edge X-ray Technology With Elt' S Advanced Industrial Solutions.

MFX600LP
检测中
Automatic on-line X-RAY
Inspection System

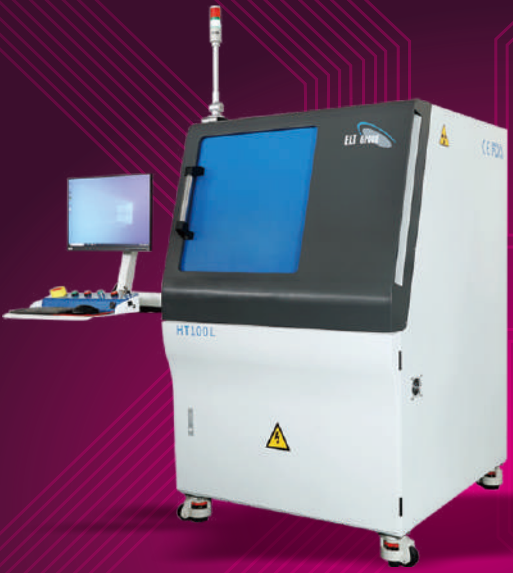
X线照射中
ELT Group
HT300

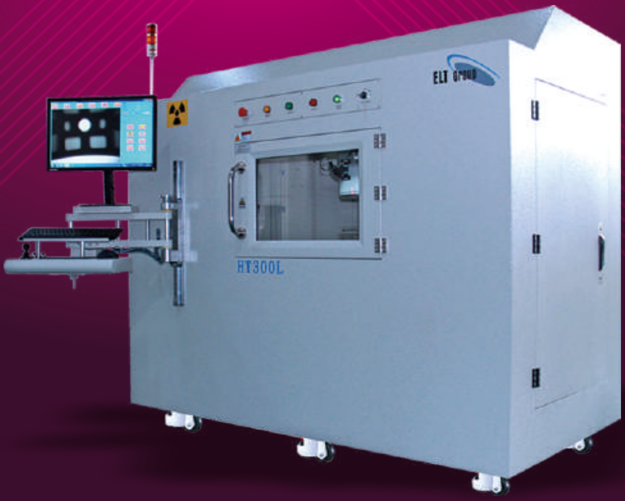
ELT Group
DL1000
X线照射中

ELT Group
检测中
Automatic feeding
AUTO X COUNT
Automatic blanking

HT100L HT300L

Led, Semiconductor, Electronic Components And Other Parts


ELT Group
HT100L

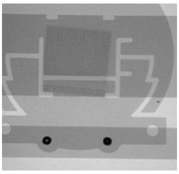

ELT Group
HT300L

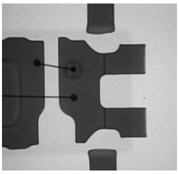
ELECTRONICSTALK.COM

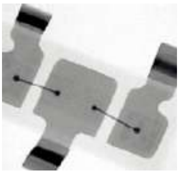
• Feature

- ★ Used in semiconductor, SMT, DIP, electronic components, IC, BGA, CSP, flip chip X-ray detection;
- ★ High resolution FPD can obtain high quality images, and the minimum 2um defects can be detected;
- ★ CNC programming automatic positioning, small opening angle 45° tilt detection;
- ★ Real-time navigation imaging, HDR image enhancement function;
- ★ Measurement tools such as size, area, angle and curvature

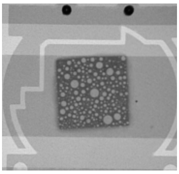
• Image

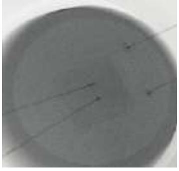

LED crystal misalignment

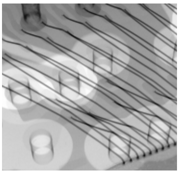

LED binding

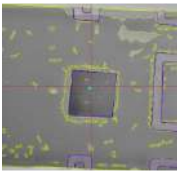

LED binding cable

LED binding cable


The LED wafer has too many bubbles


LED copper column


Binding wire


Module IC

• Specification

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final agreement.

Item	Model	HT300L	HT100L		
X-Ray Tube	Tube Style	Sealed tube	Sealed tube		
	Tube voltage	90kv	100KV		
	Tube current	0.2mA	0.15mA		
	Tube focus	5um	2um		
	Cooling mode	Air cooling	Air cooling		
	Geometric magnification time	125 (times)	300(times)		
Motion Control System	Axis x	1500mm	x-Ray Tube	Axis x	400mm
	Axis Y	500mm		Axis Y	450mm
	Axis Z1	220mm		Axis Z	200mm
	Axis Z2	250mm		Axis R	45°tilt
Flat panel detector	Pixel size	85um			
	Pixelmatrix	1536*1536mm			
	Effective imaging area	130*130mm			
	Spatial resolution	5.8lp/mm			
	AD conversion digits	16bit			

FX100 HT100

Advanced Electronics X-ray For Pcb, Smt, And Bga Applications (90kv)

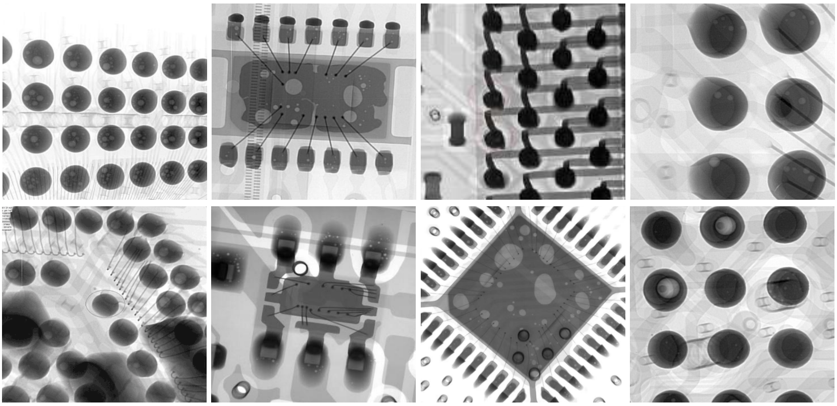
Configuration 360 Degree Rotation System, Step Positioning

Sample Table Rotates Plus Or Minus 60 Degree, Image Automatic Navigation Function,Global Keyboard Mouse Operation Positioning

• Feature

It is used to detect welding defects of electronic components such as PCB, SMT assembly, ic packaging, BGA.CSP, semiconductor, etc

• Image



• Specification

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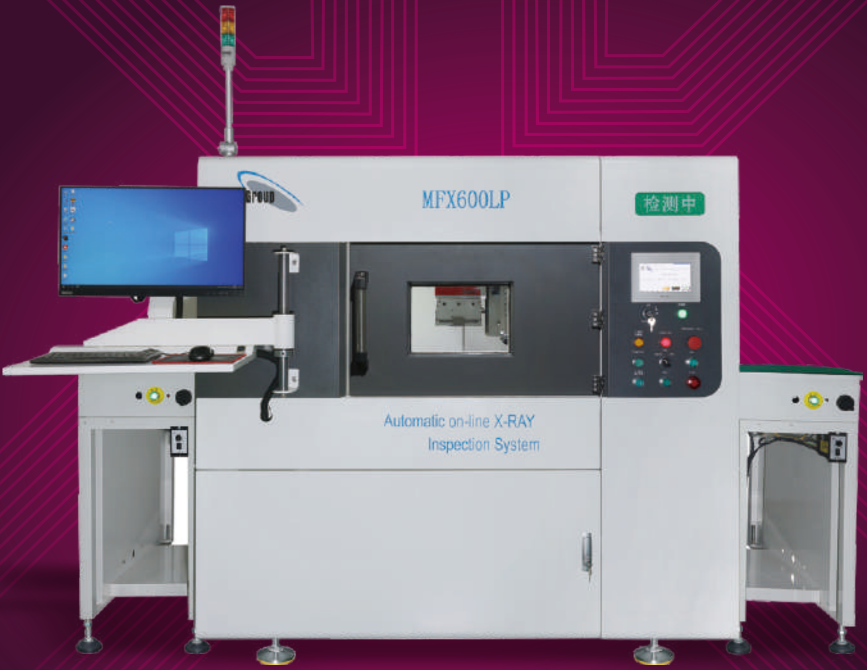
Item	Model	FX100	HT100
X-Ray Tube	Tube Style	Sealed tube	Sealed tube
	Tube voltage	90kv	90kv
	Tube current	200uA	200uA
	Details resolution	5um	5um
	Cooling mode	Air Cooling	Air Cooling
	Geometric magnification time	125 (times)	125 (times)
Flat panel detector	Pixel size	85um	85um
	Pixel matrix	1536*1536mm	1536*1536mm
	Effective imaging area	130*130mm	130*130mm
	Fps	20	20
	AD conversion digits	16bit	16bit
Motion Control System	Axis X	340mm	400mm
	Axis Y	330mm	450mm
	Axis Z	300mm	300mm
	Axis Q	The fixture rotates 360 degrees	

MFX600LP

Fully Automated Online X-Ray For Electronics


MFX600LP
检测中
Automatic on-line X-RAY
Inspection System

• Feature

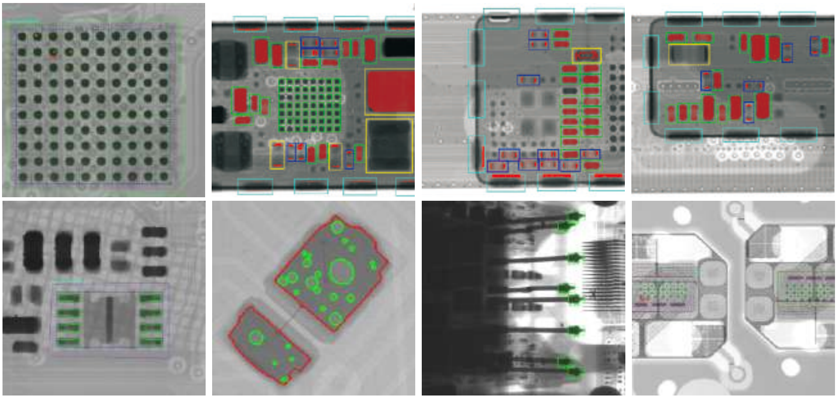
Equipment overview :

Used for detecting BGA and chip compon-ents; Nickel plate detection of metal plate and FPC welding parts, calculation of bubble perc-entage, size, area measurement, analysis of internal defects such as low tin and virtual sold-ering in products.

Functions and Feature:

- Orbital online inspection
- Auto detecting and Analysing for Ok & NG Components)
- Support customized access to MES/ERP system
- Accurate control, CNC Programming Automatic Positioning
- Rework database management supports review and gener-ation of data report

• Image



• Specification

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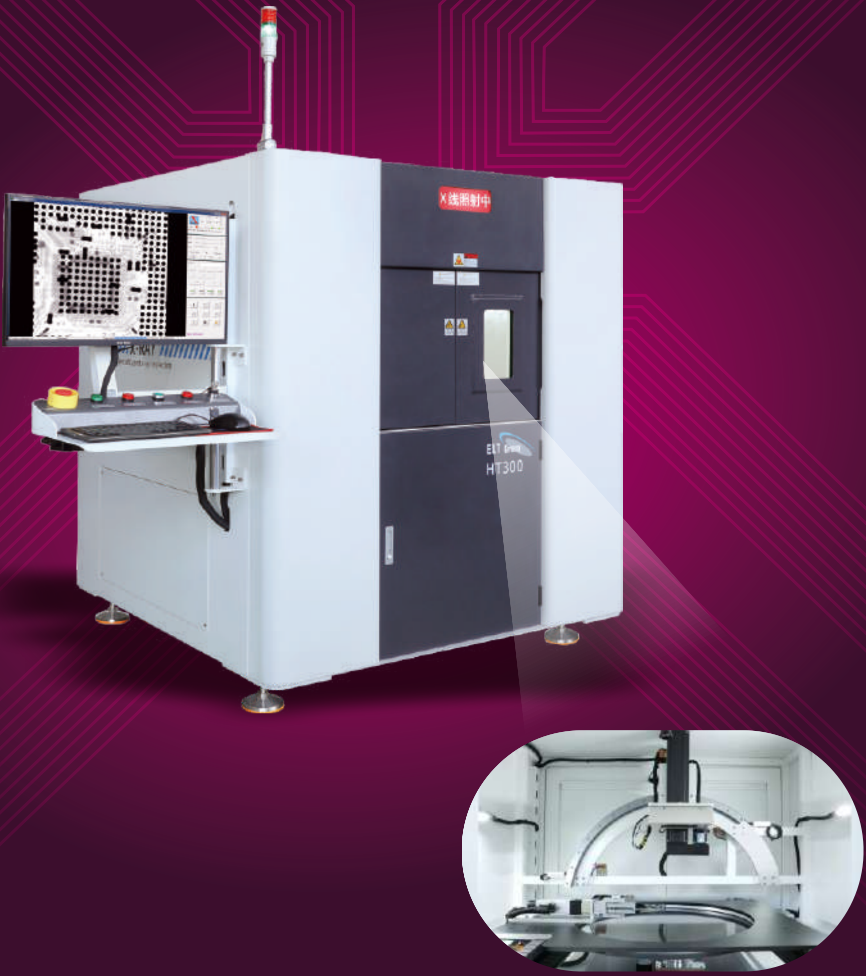
Item	Model	MFX600LP
X-Ray Tube	Tube Style	Sealed tube
	Tube voltage	90kv(110kv、130kv)
	Tube current	200uA
	Cooling mode	Air Cooling
	ctrrGeometry magnification time	50X-300X
	Details resolution	Gold Line 5 micron
	Target target material	Tungsten
Flat panel detector	Effective imaging area	Full resolution mode: 1024*1024
	scintillator	157*157mm
	refresh rate	Cesium iodide
	data interface	9.4fps(1021*1024)30fps(512*512)
	AD change	Intranet within a gigabit
	Track regulation	16Bit
X-RAY surveyedarea	Connection height	50-350mm
	location mode	900+10mm
	Access mode (whendocking with the production line)	CNC Positioning
	Location origin	Go left and right
	orientation system	Gervo motor, precision wire rod high-speed positioning
	QR code identification	Manual code scanning(automatic code scanning option)

HT300

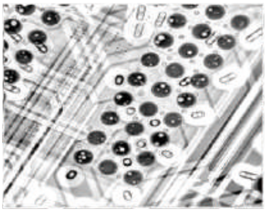
Advanced Electronics X-ray For Pcb, Smt, And Bga Applications (130kv)

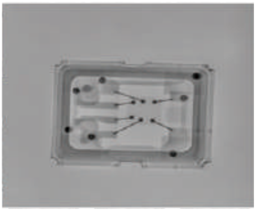

X线照射中
HT300

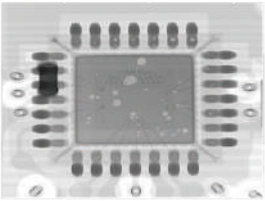
• Feature

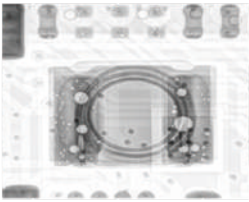
- Strong penetrating ray source combined with HD FPD to meet universal inspection requirements
- The detector tilts 70°, the stage rotates 360° horizontally, and the six-axis linkage achieves all-round control and detection
- High definition navigation images, fast and accurate product positioning
- Configure HDR image enhancement, size, area, angular curvature and other measurement tools

• Image









• Specification

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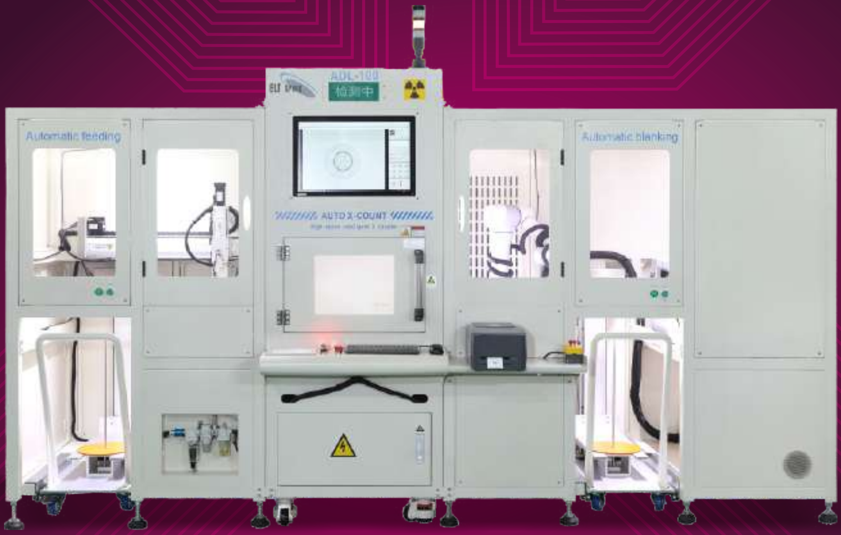
Item	Model	HT300
X-Ray Tube	Tube Style	Sealed tube
	Tube voltage	130KV
	Tube current	320uA
	Tube focus size	2um
	Cooling mode	Air Cooling
	Geometric magnification	300X
Flat panel detector	Pixel size	85um
	Pixel matrix	1536*1536mm
	Effective imaging area	130*130mm
	Frame Rates	20tps
	A/D conversion digits	16Bit
Motion Control System	Movement Control	Keypad, Mouse
	Axis X	500mm
	Axis Y	500mm
	Axis Z1	300mm
	Axis Z2	300mm
	Axis R	Tilt 70°
	Axis Q	Stage 360° horizontal rotation

ADL100

Online Automatic Counting Machine

Smt Industry Reel Fast Counting

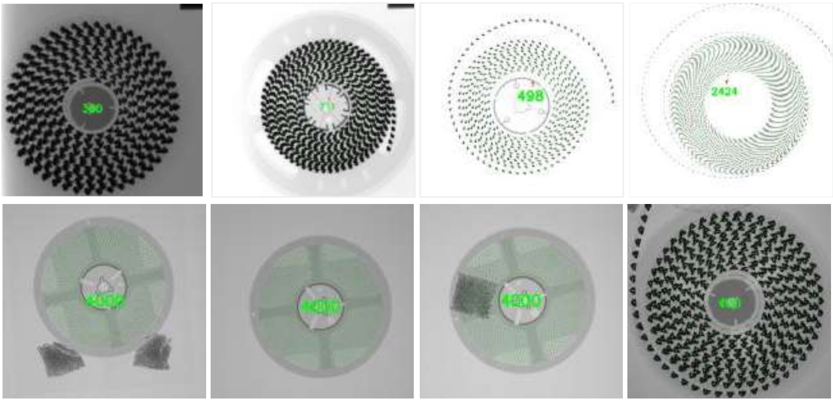

ADL-100
检测中
Automatic feeding
AUTO X-COUNT
Automatic blanking

• Feature

A fully automatic X-Ray point system that covers all resistive and capacitive materials and IC materials enables rapid counting and inventory of various types of trays

- ★ Fast, high precision chip counting, reduce labor costs
- ★ Non-contact counting, no chip damage or loss
- ★ The feeding method can choose 1-4 stations
- ★ Six-axis robot arm with machine vision, to achieve automatic labeling and material grabbing. Compared with the module, it is more flexible and efficient, with high recognition accuracy, and can cover the original label up to 0.01mm;
- ★ It can be connected to AGV loading, to achieve unmanned loading;
- ★ Support to connect with ERP, MES and WMS system;
- ★ The equipment without NG warehouse has advantages in occupying space;

• Image



• Specification

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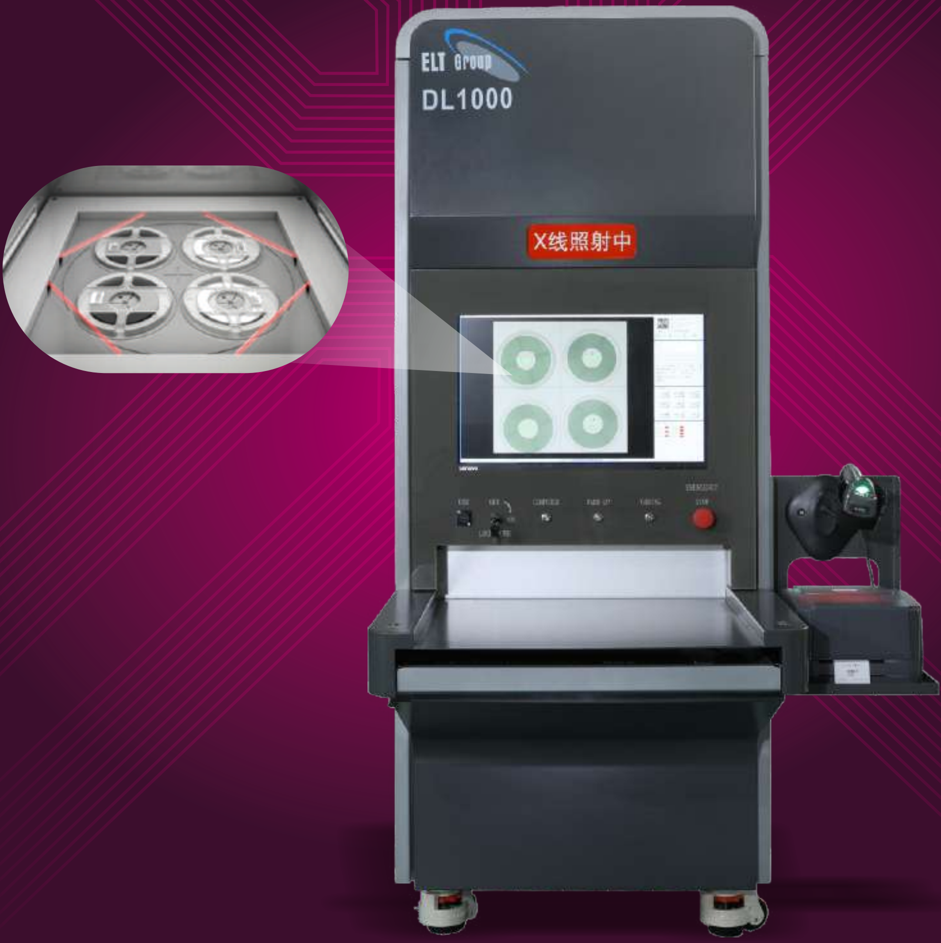
Item	Model	ADL100
X-Ray Tube	Tube voltage	80kv
	Tube current	150uA
Flat panel detector	Imaging area	430*430mm
	Pixel size	154μm
	Pixel matrix	2816*2816mm
Test items and dimensions	Maximum size of the disk	380mm
	Disk minimum size	180mm
	Maximum thickness of disk	85mm
	Disk minimum thickness	3mm
	Compatible with a minimum element	300 /H300 disc/H
	Count time	0100599.8% 020199.9%
	Count accuracy	01005 Up to 99.8% 0201 up to 99.9%

DL1000 **Offline X-Ray Counter**

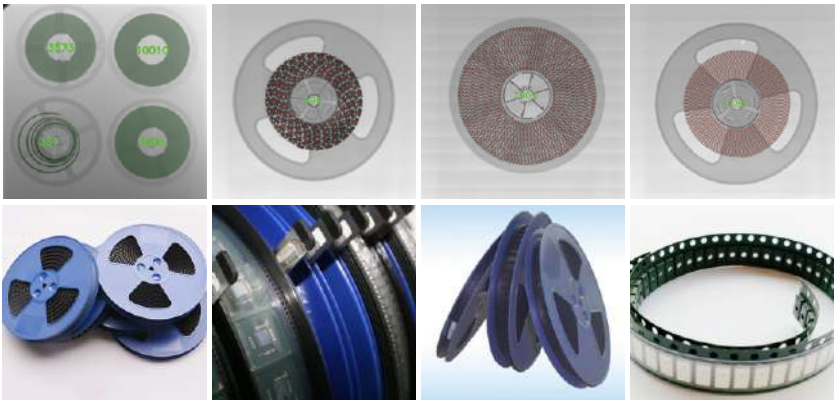
Apply Smt Industry Reel Fast Counting


ELT Group
DL1000
X线照射中

• Feature

- ★ Can cover all the resistance and capacitance materials and IC materials of the off-line X-Ray point system, can achieve a variety of types of material tray rapid counting and inventory
- ★ Can be 7-17 inch Tray/ Jedec Tray/C moisture sensitive bag and other ma-terials for fast and accurate detection
- ★ Convenient personnel operation, reduce working space
- ★ Intelligent anti-interference counting algorithm, intelligent identification of single disk or 1-4 disk materials, 8 seconds can be detected
- ★ Plate induction, anti-mislabeling
- ★ Support to connect with ERP, MES and WMS system

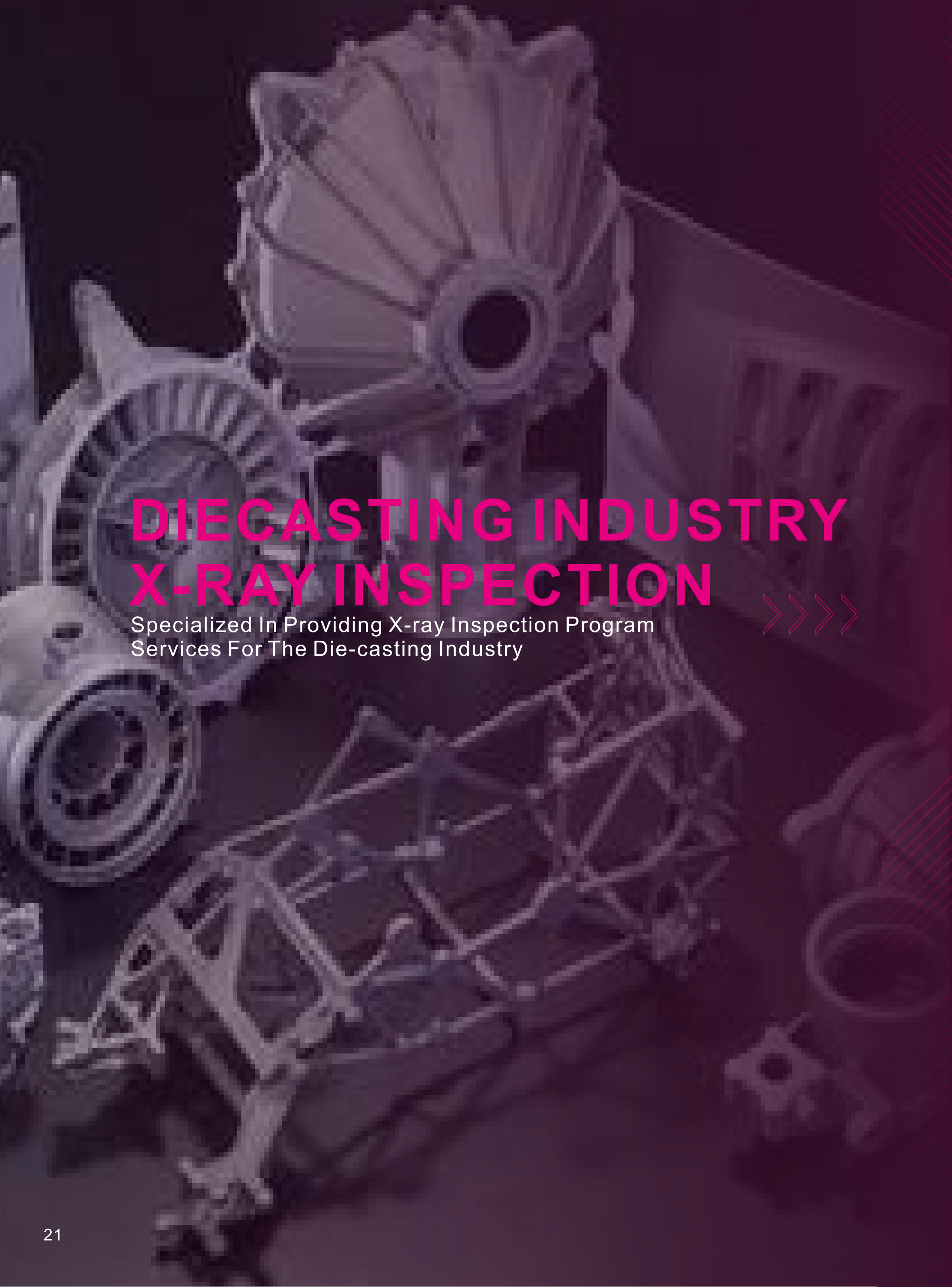
• Image



• Specification

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final agreement.

Item	Model	DL1000
X-Ray Tube	Tube Style	Sealed tube
	Tube voltage	80kv
	Tube current	150uA
Flat panel detector	Imaging area	430*430mm
	Pixel size	154μm
	Gamma	2816*2816mm
	Maximum size of the disk	16bits
Test items and dimensions	Disk minimum size	380mm
	Maximum thickness of disk	180mm
	Disk minimum thickness	85mm
	Compatible with a minimum element	3mm
	Count time	01005
	Count accuracy	4 disc、1disc/8S
	Pixel matrix	01005 Up to 99.8%, 99.9%, 0201 or above



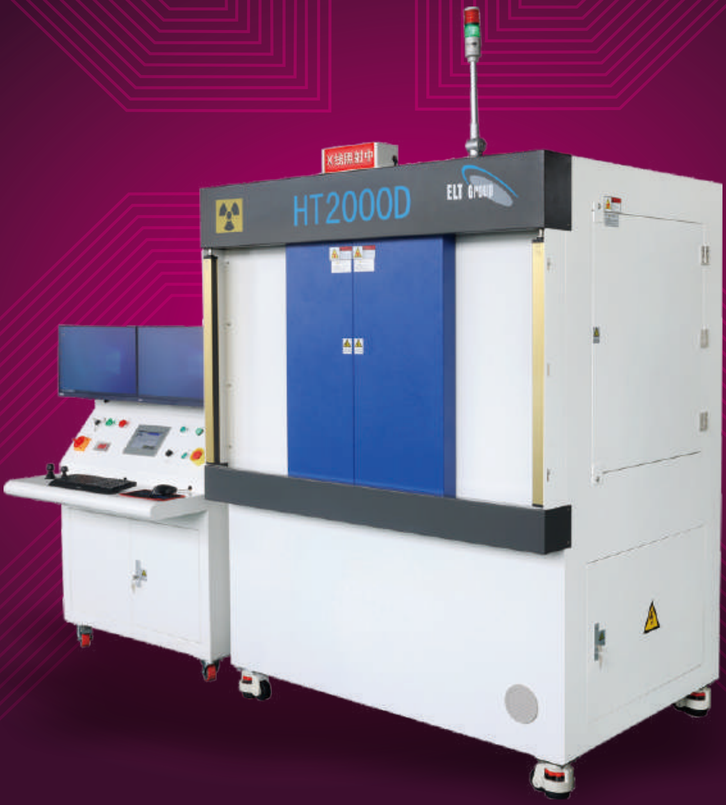
DIECASTING INDUSTRY X-RAY INSPECTION

Specialized In Providing X-ray Inspection Program
Services For The Die-casting Industry

HT2000D
ELT Group
HT1000
HT5000
HT5000C

HT2000D

Industrial Casting X-ray Inspection Equipment

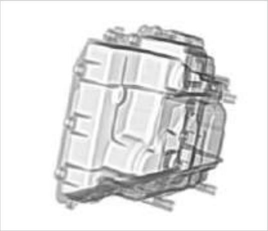

X线照射中
HT2000D
ELT Group

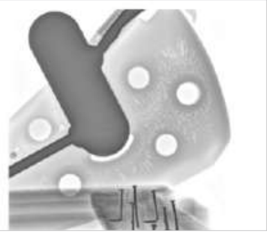
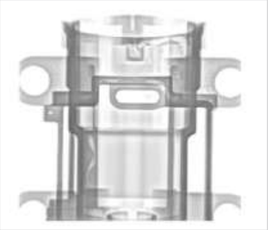
• Feature

The equipment is used to detect all kinds of small and medium-sized products such as metal castings,welding parts, hardware products, plastic products, rubber products, ceramic bodies, etc. It is equipped with automatic detection system, intelligent discr-imination automatic analysis, and output analysis report.

★The motion performance is fast, smooth, and the detection efficiency is high
★Real-time dynamic imaging, software with HDR image enhancement function
★Platform 360' rotation, no dead Angle detection
★It has a wide range of applicability and can realize the detection of different workpieces
★Can have defect recognition function (ADR)

• Image



• Specification

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final agreement.

Item	Model	HT2000D
X-ray source	Tube Type	Closed Tube
	Tube Voltage	160kv
	Tube Current	2.5mA
	Tube Power	400W
	Detail Resolution	0.4-0.8mm
	Cooling Method	Air Cooled
Flat Panel Detector	Effective Imaging Area	427mm*427mm
	Pixel Size	139um
	A/D Conversion	16bit
Motion Control System	Motion Control	Keyboard,Mouse,Joystick
	Z-Axis	650mm
	X-Axis	400mm
	Y-Axis	440mm
	U-Axis	±35°Tilt
	R-Axis	Horizontal 360 ° Rotation
	Maximum Bearing Capacity	30KG

HT1000

Industrial Casting X-ray Inspection Equipment

ELT Group
CE FDA
HT1000

• Feature

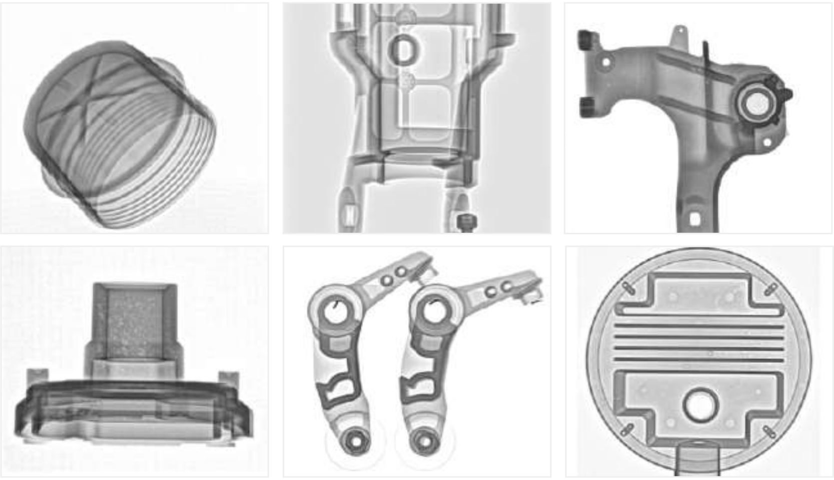
The equipment is used for non-destructive testing of various lightweight flat plate products such as gold and Li castings, auto parts, plastic products and rubber products

★ Small precision casting inspection,cost-effective

★ With high integration design, compact structure and space saving

★ Small focus size, with software HDR processing function

• Image



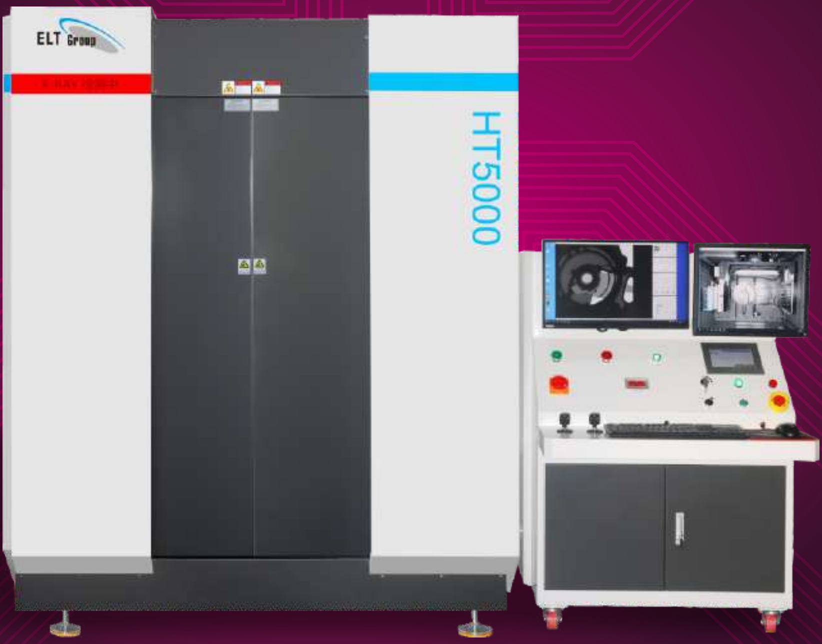
• Specification

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final agreement.

Item	Model	HT1000
X-Aay Source	Tube Type	Closed Tube
	Tube Voltage	160kv
	Tube Current	2.5mA
	Tube Power	400W
	Detail Resolution	0.4-0.8mm
	Cooling Method	Air Cooled
Flat Panel Detector	Effective Imaging Area	427*427mm
	Pixel Size	139um
	A/D Conversion	16bit
Motion Control System	Motion Control	Keyboard,Mouse
	X-Axis	400mm
	Y-Axis	400mm
	Sample Table	500*500mm
	Effective Detection Area	400*400mm

HT5000

Industrial Casting X-ray Inspection Equipment


ELT Group
HT5000

• Feature

The equipment is suitable for auto parts non-destructive testing, casting non-destructive testing, weld non-destructive testing, aerospace non-destructive testing and other related industries. It can meet the inspection needs of small workpiece inspection,sm-all and medium workpiece inspection, small and medium workpiece inspection, thin wall light workpiece inspection, thickness gray castiron inspection and so on. It can quickly and accurately detect various defects of tires, wheels and other castings, effectively en-suring product quality and safety.

★ The motion performance is fast, smooth, and the detection efficiency is high

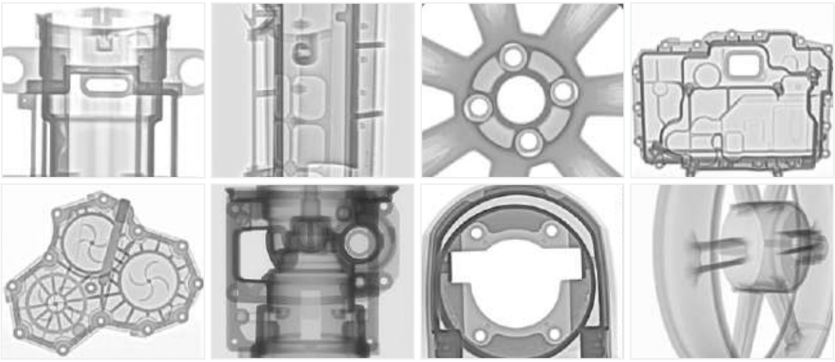
★ It has a wide range of applicability and can realize the detection of various workpieces

★ The ial pamnd derecdor and x-nay tube can be tined.the phatom canbe rotated 360’,and hene is mo dead Angle desceation

★ Large internal detection space,large objects can be detected;

★ Real-time dynamic imaging, sofware with HDR image enhancement function

• Image



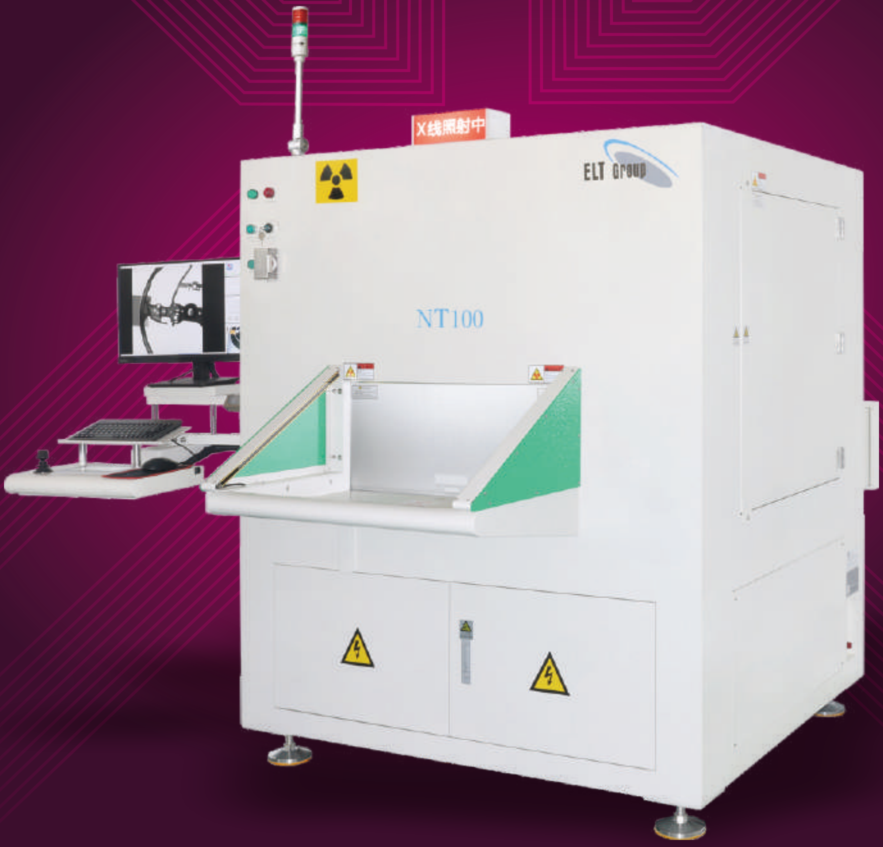
• Specification

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final agreement.

Item	Model	HT5000
X-ay Source	Tube Type	Closed Tube
	Tube Voltage	160kv
	Tube Current	2.5mA
	Tube Power	400W
	Detail Resolution	0.4-0.8mm
	Cooling Method	Air Cooled
Flat Panel Detector	Effective Imaging Area	427mm*427mm
	Pixel Size	139um
	A/D Conversion	16bit
Motion Control System	Motion Control	Keyboard,Mouse,Joystick
	Z-Axis	800mm
	X-Axis	500mm
	Y-Axis	500mm
	R-Axis	Horizontal 360 ° Rotation
	Maximum Bearing Capacity	100KG
X-ray Source	X-ray Rotatiom Angle	Coaxial Tilt Of 45° Can Be Achieved

NT100

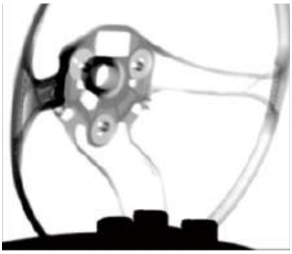
Xray Detector For Steering Wheel

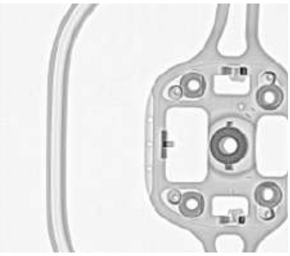

X线照射中
ELT Group
NT100

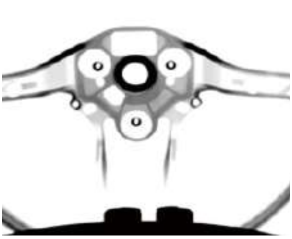
• Feature

Used for non-destructive testing of bubbles, pores and foreign bodies in automobile steering wheel and various small castings; Equipped with automatic testing software, automatically determine good and bad products; The workpiece of the pallet detection platform can be rotated 360° and detected from multiple angles;

• Image







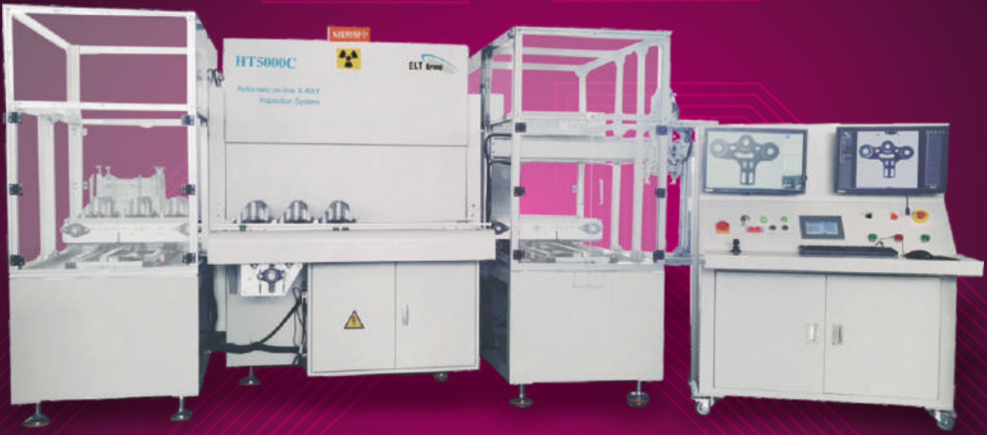
• Specification

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final agreement.

Item	Model	NT100
Light Tube	Tube Type	Closed Tube
	Tube Voltage	160kv
	Tube Current	2.5mA
	Tube Power	50mm(AL)
	Detail Resolution	D=0.4mm
	Cooling Method	Air Cooled
Flat Panel Detector	Effective Imaging Area	427mm*427mm
	Pixel Size	139um
	A/D Conversion	16bit
Sample Table	X-Axis	420mm
	Y-Axis	480mm
	Z-Axis	360mm
	R-Axis	Horizontal 360 ° Rotation
	Maximum Bearing Capacity	10KG

HT5000C

Automatic Online Casting X-ray


HT5000C
ELT Group

ELECTRONICSTALK.COM

• Feature

The on-line X-ray inspection machine is used for automatic inspection of auto parts. The automatic optical inspection and screening instrument developed on the basis of image detection technology system uses X-ray perspective to convert visible light images and uses dry Meg network to quickly input the image information of the workpiece to the PC host computer for high-definition imaging, automatic positioning and image processing. For pores and cracks in the image, the area and propor-tion of defects are automatically calculated through the measurement function to determine qualified or defective products. The measured data and pictures are stored simultaneously.

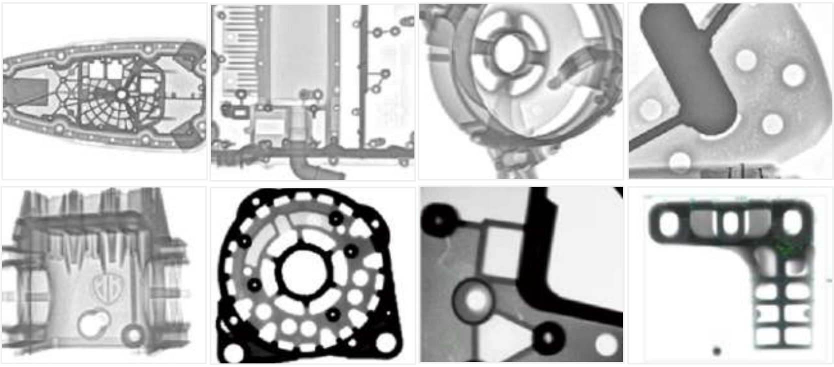
★ Advantages: automatic feeding, automatic positioning, automatic measurement, automatic judgment, automatic storage of pr-oduct images and measurement data, at any time.

★ The test results are stable,corect and consistent

★ The operation is simple, and the testing standard of new products only takes 30 minutes

★ Test results can be set freely (save path, picture format, qualified or unqualified pictures)

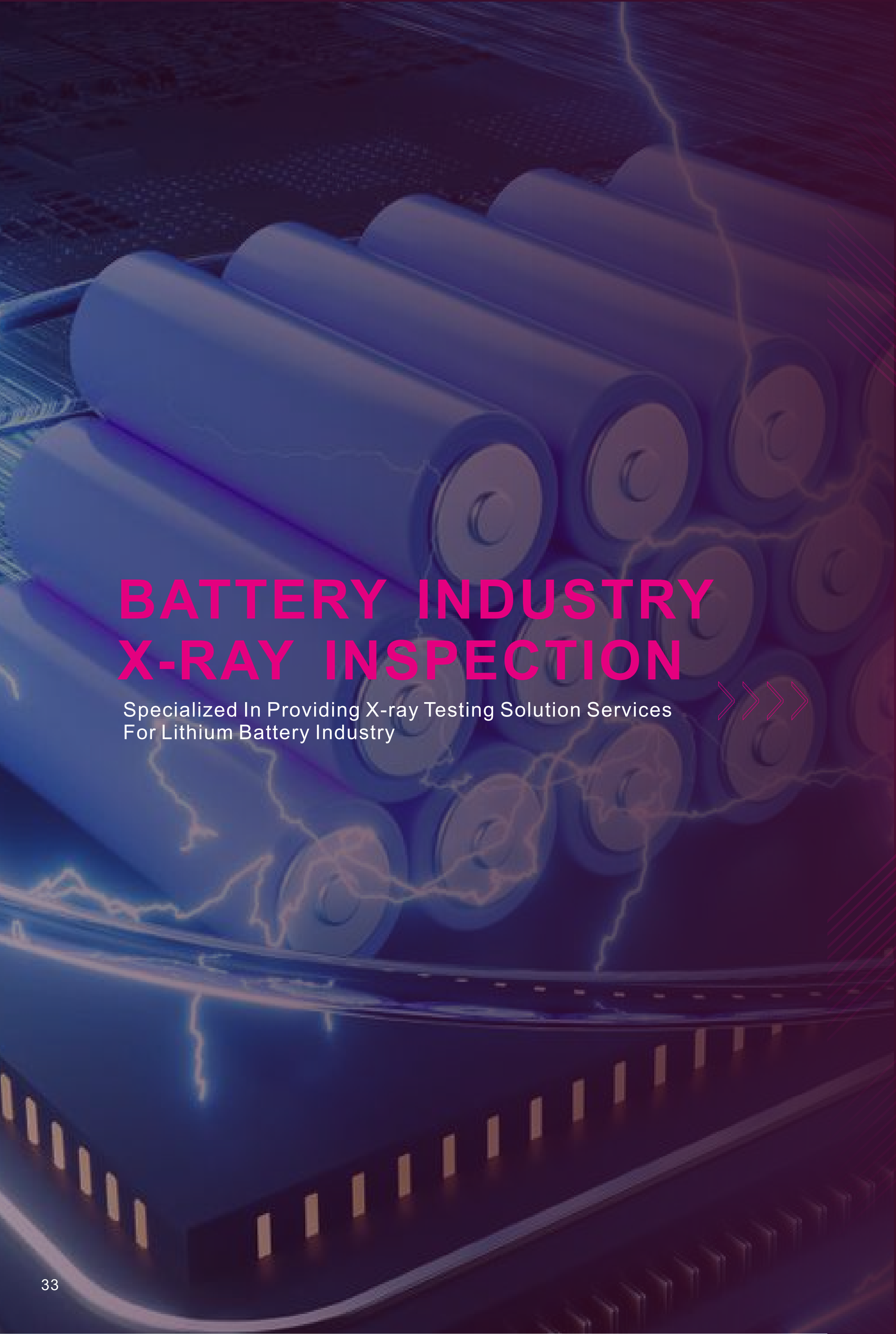
• Image



• Specification

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final agreement.

Item	Model	HT5000C
Light Tube	Tube Type	Closed Tube
	Tube Voltage	160kv
	Tube Current	2.5mA
	Tube Power	400W
	Tube Focusing Size	0.4-0.8MM
	Cooling Method	Air Cooled
Dynamic Flat Plate Receiver	Field Of View	433.7mm*433.7mm
	Pixel Array	Full Sistribution Rate Mode: 1408*1408
		2*2Bining mode: 1408*1408
		4*4Bining mode: 704*704
	A/D Conversion	16bit
Motion Displacement	Pallet Size	400*300mm
	Z-Axis	220mm (Up)
	U-Axis	30°
	Y-Axis	280mm (Front And Back)
	Maximum Bearing Capacity	30KG
X-ray Shield Box	Size	3760*2060*2130(L*W*H)
	Weight	About 3500kg



BATTERY INDUSTRY X-RAY INSPECTION

Specialized In Providing X-ray Testing Solution Services
For Lithium Battery Industry

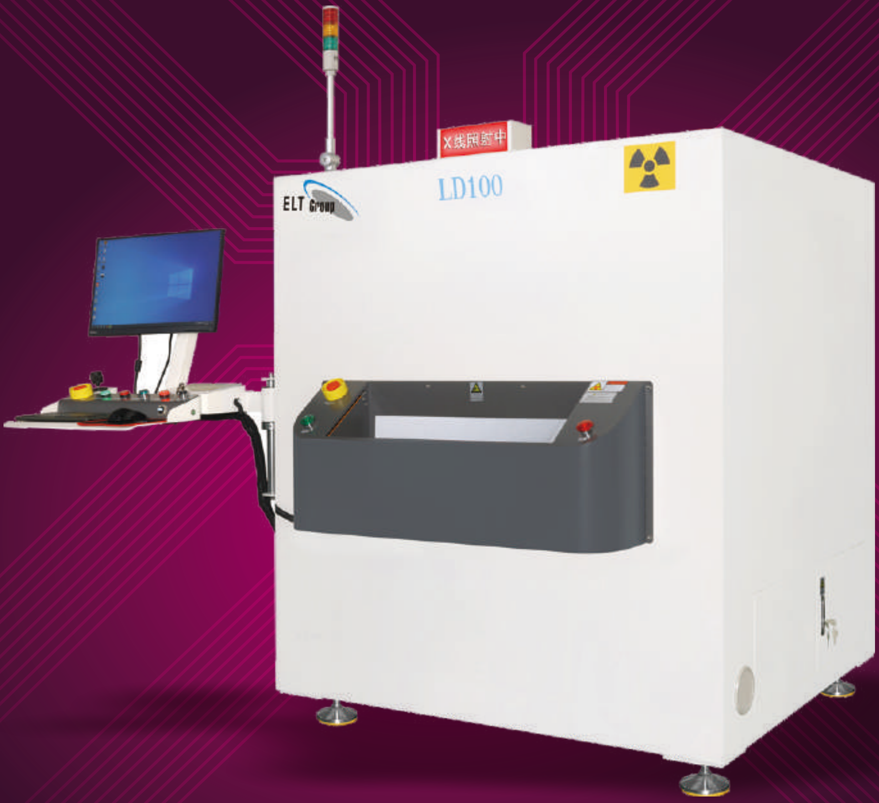
ELT Group
MFX100LD

ELT Group
LD100

ELT Group
MFX100LI

LD100

Offline Battery X-ray Inspection


X线照射中
ELT Group
LD100

• Feature

The device is used for semi-automatic online detection of the pole ear shape of power battery, and detects the pole ear shape by directly viewing the projected image of the battery end.

★ Performance: off-line manual/semi-automatic detection;

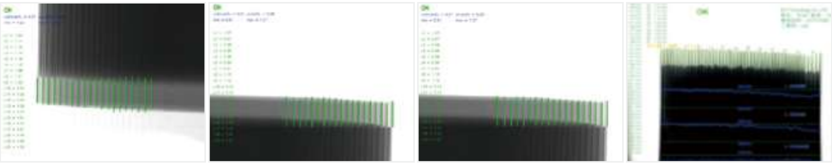
★ Automatic entry and exit of testing table, convenient loading and unloading;

★ Built-in horizontal 360° rotating platform, can detect the four corners of the battery;

★ Can detect the maximum battery size 500*200*20mm;

★ Measurement method: automatic measurement, automatic capture measurement area, automatic navigation, automatic discrimination, manual can set the measurement area after automatic capture measurement;

• Image



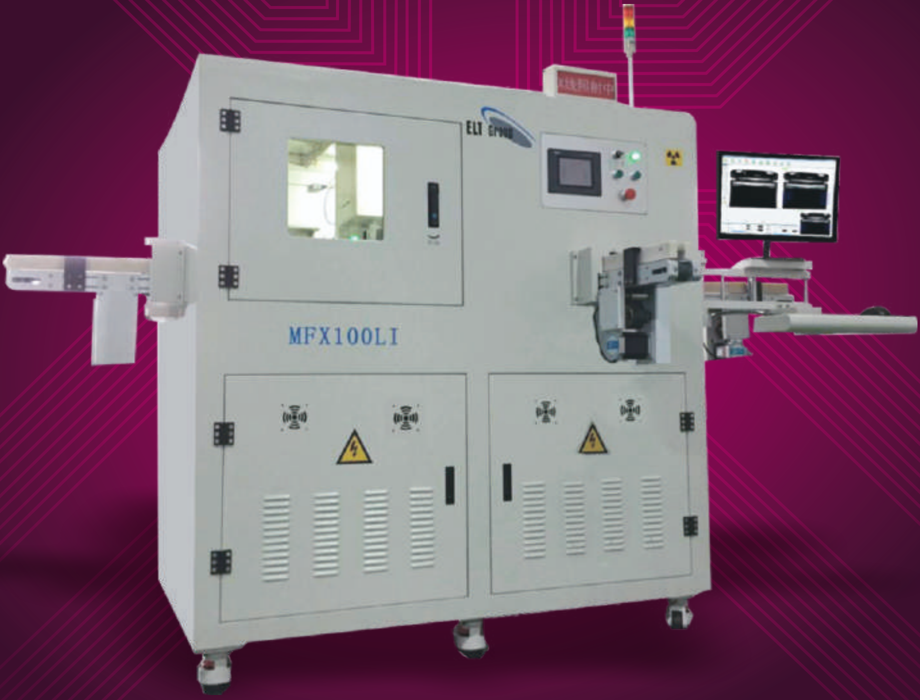
• Specification

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final agreement.

Item	Model	LD100
Light Tube	Tube type	Sealed tube
	Tube Voltage	90kv
	Tube Current	200uA
	Focus Size	5um
	Cooling Method	Air cooling
Flat Panel Detector	Pixel Size	85um
	Pixel Matrix	1536*1536mm
	Effective Imaging Area	130*130mm
	Fps / Rate	20
	Number of A/D bits	16bit

MFX100LI

Automatic Online X-ray For Lithium Battery


ELT GROUP
MFX100LI

• Feature

The device is used to detect the internal structure of the cylindrical battery pole ear and the coating of the positive and negative electrode sheets, the situation of the negative electrode and the shell wall in the battery (spacing, contact distance, bending state of the pole ear, etc.)

★ Applicable to 18~26 series model cylindrical battery detection

★ High-speed positioning transmission mechanism design, efficient and stable

★ Module standardized design, with strong expansibility

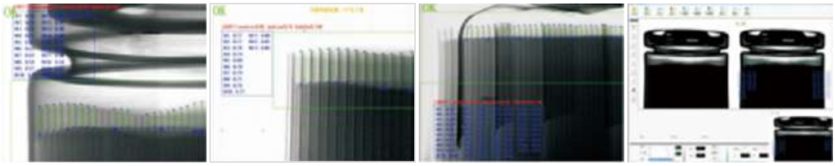
★ The automatic loading/unloading structure can be expanded according to the demand

★ It can connect with the user's automatic production line to achieve unattended operation

★ Automatic judgment, data storage and defective product identification, screening and isolation, to achieve the entire test process of automatic control.

★ Maximum production capacity: 60-120PPM;

• Image



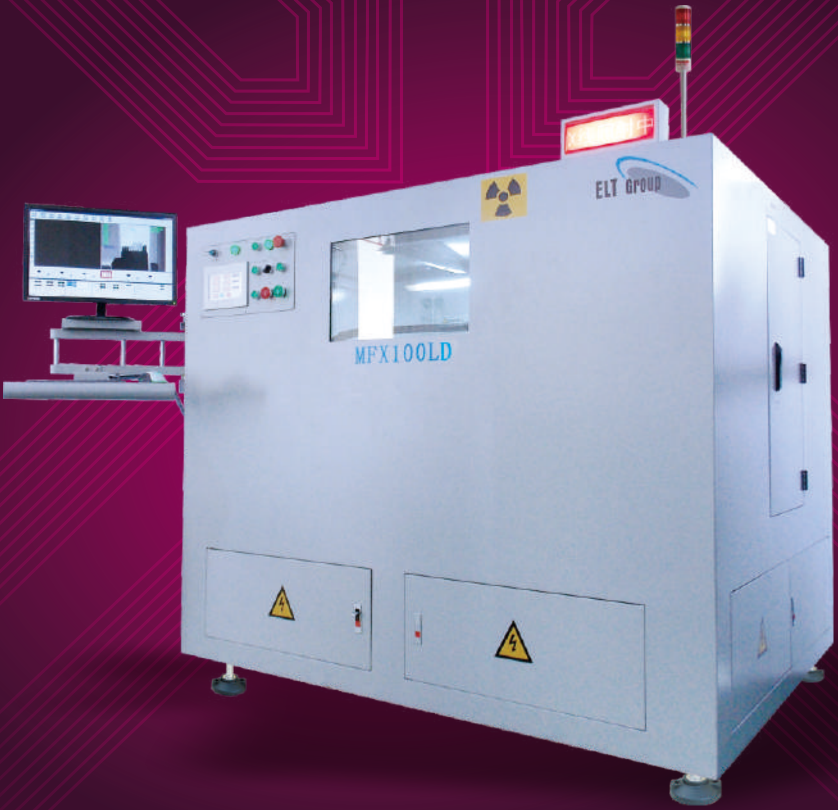
• Specification

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final agreement.

Item	Model	MFX100LI
Light Tube	Tube type	Sealed tube
	Tube Voltage	90kv
	Tube Current	200uA
	Focus Size	5um
	Cooling Method	Air cooling
Flat Panel Detector	Pixel Size	85um
	Pixel Matrix	1536*1536mm
	Effective Imaging Area	130*130mm
	Fps / Rate	20
	Number of A/D bits	16bit

MFX100LD

Automatic online X-ray ForLaminated Battery


ELT Group
MFX100LD

• Feature

The device is used for the X-RAY online automatic test of power laminated battery, to detect the defects of the battery's positive and negative laminated size, laminated deviation and so on.

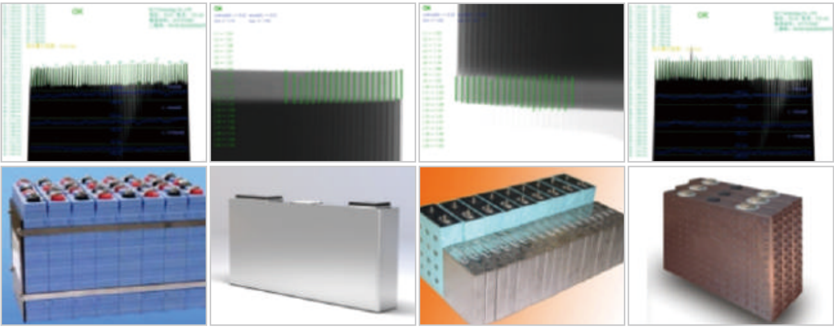
★ High detection efficiency, suitable for batch full inspection;

★ Modular design, good expansibility, can be connected with the production line;

★ Automatic loading and unloading, automatic sorting of good and bad products;

★ Equipped with self-developed lithium battery online detection software system;

• Image



• Specification

Note: The above information only represents general descriptions and characteristics, which may change with technological advancement and equipment upgrades. Specific parameters are subject to the final agreement.

Item	Model	MFX100LD
Light Tube	Tube type	Sealed tube
	Tube Voltage	90kv
	Tube Current	200uA
	Focus Size	5um
	Cooling Method	Air cooling
Flat Panel Detector	Pixel Size	85um
	Pixel Matrix	1536*1536mm
	Effective Imaging Area	130*130mm
	Fps / Rate	20
	Number of A/D bits	16bit

ELT Group

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